## E. Garfield, Kane, Washington, & Iron co. Feb 1, 2006

Snowpacks in this region are much below normal at 54% of average, about 21% of last year. Individual sites range from 0% to 76% of average. Precipitation was below normal during January at 88% of average, bringing the seasonal accumulation (Oct-Jan) to 76% of normal. Soil moisture estimates in runoff producing areas are at 27% of saturation in the upper 2 feet of soil compared to 76% last year. Forecast streamflows range from 36% to 65% of average. Reservoir storage is at 87% of capacity, 2% less than last year. The Surface Water Supply Index is at 52%, indicating near normal water availability.

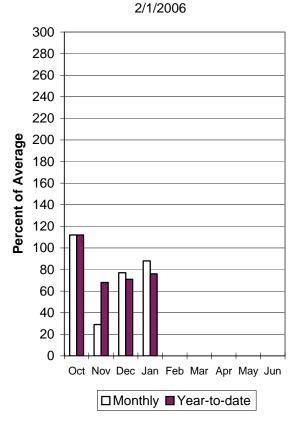


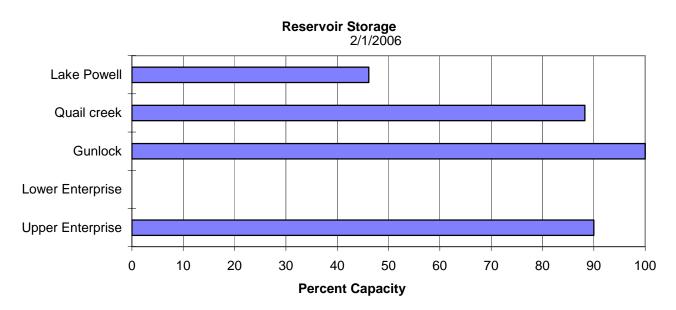
## 2/1/2006 40 35 Snow Water Equivalent (in) 30 25 20 15 10 5 0 1-Jan 1-Feb 1-Mar 1-May Current Average

Maximum

Minimum

## **Southwest Utah Precipitation**





## E. GARFIELD, KANE, WASHINGTON, & IRON Co. Streamflow Forecasts - February 1, 2006

		SCIEAMII	.ow Forecas	.cs - re.	Druary 1,	2000					
		<<====	== Drier =	===== :	Future Co	nditions ==	===== We	tter ===	==>>		
Forecast Point	Forecast			==== Ch		xceeding * =			====		
	Period	90%   (1000AE	70% F) (1000AF	,	50 (1000ag)	%   (% AVG.)	30% (1000		0%   00AF)	30-Yr Avg. (1000AF)	
=======================================	========	1	, , , , , , ,								
Lake Powell Inflow (2)	APR-JUL	5160	7030	ļ	8300	105	957	0 11	440	7930	
Virgin River at Virgin	APR-JUL	14.7	20		29	45	3	9	60	64	
Virgin River near Hurricane	APR-JUL	13.8	19.3		25	36	3	8	65	69	
Santa Clara River nr Pine Valley	APR-JUL	0.5	1.5		2.5	46	3.	7	5.6	5.5	
Coal Creek nr Cedar City	APR-JUL	6.2	9.7		12.6	65	15.	8	21	19.3	
=======================================				.=====:							
E. GARFIELD, KANE, WASHINGTON, & IRON Co. Reservoir Storage (1000 AF) - End of January						E. GARFIELD, KANE, WASHINGTON, & IRON Co. Watershed Snowpack Analysis - February 1, 2006					
Reservoir Storage (100			-							• •	
	Usable   *** Usable Storage **		re ***					ear as % of			
Reservoir	Capacity	This Last			Watershed			of .			
		Year	Year	Avg						r Average	
GUNLOCK	10.4	10.4	10.4	5.7	1	N RIVER		5	20	60	
LAKE POWELL	24322.0	11222.0	8492.0		PAROW	AN		2	24	78	
QUAIL CREEK	40.0	35.3	32.9	26.5	   ENTER	PRISE TO NEW	HARMONY	2	26	28	
UPPER ENTERPRISE	10.0	9.0	10.0		COAL	CREEK		2	24	71	
LOWER ENTERPRISE					1						
HOWER ENTERPRISE	2.6	0.0	2.6	38.0	ESCAL	ANTE RIVER		2	22	52	

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 The value is natural volume - actual volume may be affected by upstream water management.